

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1-33. (Cancelled)

34. (Currently Amended) The A method of claim 33 for treating or reducing the risk of infection, the method comprising administering to a subject in need thereof a composition containing (a) a molecule including a fucose group in an α 1,3 linkage or an α 1,4 linkage to a galactose group, (b) wherein the composition further comprises 2'-fucosyllactose (2'FL) or 2'-fucosyl-N-acetylglucosamine (2'FLNac), and (c) a pharmaceutically acceptable carrier; wherein said composition is not a mammalian milk.

35-77. (Cancelled)

78. (New) The method of claim 34, wherein the molecule includes a fucose group in an α 1,3 linkage to a galactose group.

79. (New) The method of claim 78, wherein the composition contains 2'FL.

80. (New) The method of claim 78, wherein the composition contains 2'FLNac.

81. (New) The method of claim 34, wherein the molecule includes a fucose group in an α 1,4 linkage to a galactose group.

82. (New) The method of claim 81, wherein the composition contains 2'FL.

83. (New) The method of claim 81, wherein the composition contains 2'FLNac.

84. (New) The method of claim 34, wherein the composition contains both 2'FL and 2'FLNAc.

85. (New) The method of claim 84, wherein the molecule includes a fucose group in an α 1,3 linkage to a galactose group.

86. (New) The method of claim 84, wherein the molecule includes a fucose group in an α 1,4 linkage to a galactose group.

87. (New) The method of claim 34, wherein the composition contains 2'FL covalently attached to a protein or 2'FLNAc covalently attached to a protein.

88. (New) The method of claim 87, wherein the molecule includes a fucose group in an α 1,3 linkage to a galactose group.

89. (New) The method of claim 88, wherein the composition contains 2'FL covalently attached to a protein.

90. (New) The method of claim 88, wherein the composition contains 2'FLNAc covalently attached to a protein.

91. (New) The method of claim 87, wherein the molecule includes a fucose group in an α 1,4 linkage to a galactose group.

92. (New) The method of claim 91, wherein the composition contains 2'FL covalently attached to a protein.

93. (New) The method of claim 91, wherein the composition contains 2'FLNAc covalently attached to a protein.

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94. The method of claim 87, wherein the composition contains 2'FL and 2'FLNAc that are both covalently attached to a protein.

95. (New) The method of claim 94, wherein the molecule includes a fucose group in an α 1,3 linkage to a galactose group.

96. (New) The method of claim 94, wherein the molecule includes a fucose group in an α 1,4 linkage to a galactose group.